

IAP15 Rec'd PCT/PTO 18 JUL 2006

U. S. PATENT AND TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE  <b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER MC103P
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/586573</b>
INTERNATIONAL APPLICATION NO. PCT/CA2005/000084	INTERNATIONAL FILING DATE January 25, 2005	PRIORITY DATE CLAIMED January 27, 2004
TITLE OF INVENTION NITRIC OXIDE RELEASING PRODRUGS OF DIARYL-2-(5H)-FURANONES AS CYCLOOXYGENASE-2 INHIBITORS		
APPLICANT(S) FOR DO/EO/US CARL BERTHELETTE, LIANHAI LI, CHRISTIAN BEAULIEU, ZHAOYIN WANG AND CLAUDIO F. STURINO		
<p><b>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</b></p> <ol style="list-style-type: none"><li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li><input type="checkbox"/> This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.</li><li><input checked="" type="checkbox"/> The US has been elected (PCT Article 31).</li><li><input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)]<ol style="list-style-type: none"><li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li><li><input checked="" type="checkbox"/> has been communicated by the International Bureau.</li><li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li></ol></li><li><input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)].<ol style="list-style-type: none"><li><input type="checkbox"/> is attached hereto</li><li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li></ol></li><li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)].<ol style="list-style-type: none"><li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li><li><input type="checkbox"/> have been communicated by the International Bureau.</li><li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li><li><input checked="" type="checkbox"/> have not been made and will not be made.</li></ol></li><li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].</li><li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].</li><li><input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].</li></ol> <p><b>Items 11 to 20 below concern other document(s) or information included:</b></p> <ol style="list-style-type: none"><li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li><li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li><li><input checked="" type="checkbox"/> A preliminary amendment.</li><li><input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li><li><input type="checkbox"/> A substitute specification.</li><li><input type="checkbox"/> A power of attorney and/or change of address letter.</li><li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with 37 CFR 1.82.</li><li><input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li><li><input type="checkbox"/> A second copy of the English language translation of the international application.</li><li><input type="checkbox"/> Other items or information:</li></ol>		

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**LITERARY OR OTHER PROPERTY** THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL (FIRST CLASS MAIL) ADDRESSER  
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**MAILED BY** Betty Watkins  
**DATE** 7/18/06

IP6 Rec'd PCT/PTO 18 JUL 2006

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-family: cursive;">20/586573</div>		INTERNATIONAL APPLICATION NO. PCT/CA2005/000084		ATTORNEY'S DOCKET NUMBER MC103P											
The following fees are submitted: 21. <input checked="" type="checkbox"/> Basic national fee.....\$300 22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 All other situations.....\$200 23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 Search fee [37 CFR 1.445(a)(2)] has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400 All other situations.....\$500 <div style="text-align: right; font-weight: bold;">TOTAL OF 21, 22 and 23=</div>				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td style="text-align: center;">\$300.00</td> <td></td> </tr> <tr> <td style="text-align: center;">\$200.00</td> <td></td> </tr> <tr> <td style="text-align: center;">\$400.00</td> <td></td> </tr> <tr> <td style="text-align: center;">\$900.00</td> <td></td> </tr> </table>		CALCULATIONS	PTO USE ONLY	\$300.00		\$200.00		\$400.00		\$900.00	
CALCULATIONS	PTO USE ONLY														
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\$900.00															
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.															
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE												
37 - 100 =	0 /50	0 = 0	X \$250.00												
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)].				\$0.00											
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE												
Total Claims	19 - 20 =	0	X \$50.00	\$0.00											
Independent Claims	1 - 3 =	0	X \$200.00	\$0.00											
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00												
TOTAL OF ABOVE CALCULATIONS (SUBTOTAL)				=	\$900.00										
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+											
TOTAL NATIONAL FEE				=	\$900.00										
Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				+											
TOTAL FEES ENCLOSED				=	\$900.00										
				Amount to be refunded:											
				Amount to be charged:											
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-2755</u> in the amount of <u>\$900.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. <u>13-2755</u> . A duplicate copy of this sheet is enclosed. <b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the International Application to pending status.</b> SEND ALL CORRESPONDENCE TO: <div style="border: 1px dashed black; padding: 2px; display: inline-block;">Customer No. 000210</div> MERCK & CO., INC. Patent Department, RY60-30 P.O. Box 2000 126 East Lincoln Avenue Rahway, New Jersey 07065-0970 DATE: <u>July 18, 2006</u> PHONE #: <u>(732) 594-0182</u>															
				SIGNATURE  Raynard Yuro NAME <u>45.570</u> REGISTRATION NUMBER											

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Page 1A of TRANSMITTAL LETTER TO THE UNITED STATES  
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A FILING UNDER 35 U.S.C. 371

Attorney Docket No.: MC103P  
International Appln No.: PCT/CA2005/000084  
International Filing Date: January 25, 2005  
Priority Date: January 27, 2004  
Title: NITRIC OXIDE RELEASING PRODRUGS OF  
DIARYL-2-(5H)-FURANONES AS  
CYCLOOXYGENASE-2 INHIBITORS

Inventors: CARL BERTHELETTE  
LIANHAI LI  
CHRISTIAN BEAULIEU  
ZHAOYIN WANG  
CLAUDIO F. STURINO

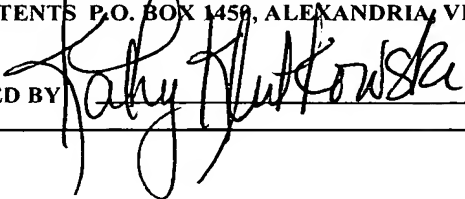
EXPRESS MAIL CERTIFICATE

DATE OF DEPOSIT July 18, 2006

EXPRESS MAIL NO. EV 660604946 US

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING  
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DATE July 18, 2006